



Ohmes Farm Detention Basins Conceptual Plans June 4, 2013

Basin Management Program

- Retrofit existing basins for Water Quality
- Required to meet WQ standards
- Relieve HOAs from financial burden and WQ permits
- City & HOA partnership

Maintenance Responsibilities

- HOA will retain ownership of land
- City and the HOA will define maintenance/easement areas for designed improvements.
- City will maintain improved basin area
- HOA will retain maintenance of common ground outside of improved basin area.

Escrow Release Agreement

- Bank agrees to release escrow to City to finish basin construction
- Bank agrees to sign the detention basin management agreement

Detention Basin Management Agreement

- Provides necessary easements to allow City to construct and maintain improvements
- Provides general description of proposed basin or channel improvements
- Indicates City will pay for costs associated with improvements and City's maintenance responsibilities
- Outlines maintenance responsibilities and areas of HOA and City

Detention Basin – Flow Chart

30% Design

Review Meeting w/ HOA

Bank Signs Escrow Agreement

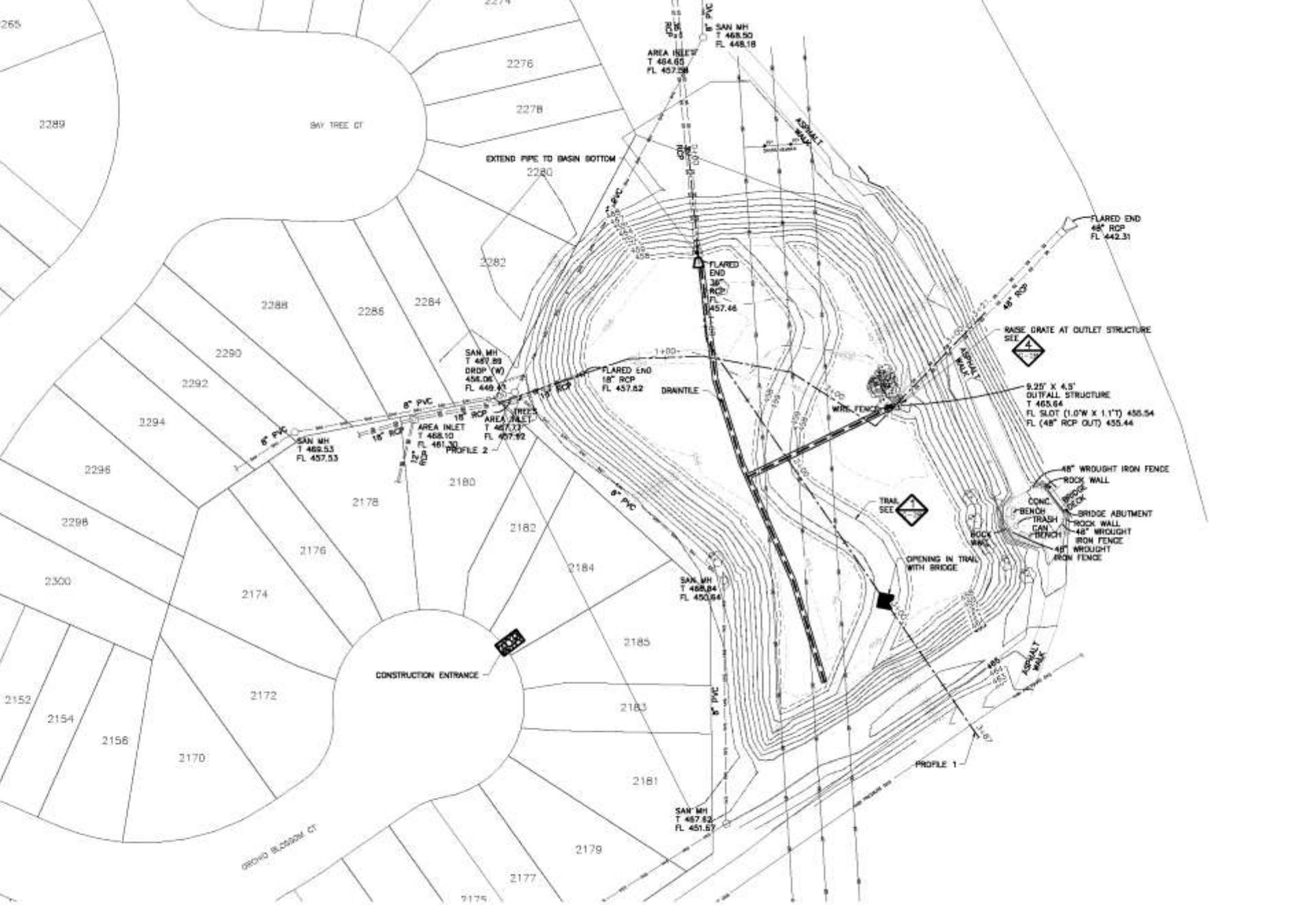
Bank signs DBA & Easements

Finish Design & Construct



Schedule

- June: 30% Preliminary Design Discussion w/HOA
- June: Sign Easements and Basin Agreements
- Jul-Aug: Final Plans
- Aug: Bid Construction
- Sept: Submit Construction Bids for BOA Approval
- Oct: Start Construction



PLAN: ORCHID BLOSSOM CT BASIN
AS SHOWN



DATE	12/4
BY	
CHECKED	
APPROVED	

Project Office
BARR ENGINEERING CO.

Sheet	25 OF 25
Date	8/11/2011



FIGURE KEY

-  INFILTRATION TRENCH
-  WETLAND SEED MIX
-  UPLAND SEED MIX
-  BALD CYPRESS
-  SYCAMORE
-  EASTERN RED CEDAR
-  FRAGRANT SUMAC
-  CONSTRUCTION ENTRANCE
-  OUTLET
-  INLET
-  STONE PROPERTY MARKER
-  MOWN PATH

PRELIMINARY CONCEPT

PLAN: ORCHID BLOSSOM CT BASIN AT SHOW



DATE	REVISION	DESCRIPTION

DESIGNED BY: BARR ENGINEERING CO.
 DRAWN BY: JACOB A. ZIMMERMAN
 CHECKED BY: JACOB A. ZIMMERMAN
 DATE: 5/11/2023

DATE	BY	DESCRIPTION



BARR
 BARR ENGINEERING CO.
 4720 WEST 77TH STREET
 MINNEAPOLIS, MN
 55435-4805
 PH: 1-800-451-1077
 FAX: (612) 835-1001
 WWW.BARR.COM

DATE	5/11/2023
BY	JAZ
CHECKED	JAZ
DATE	5/11/2023

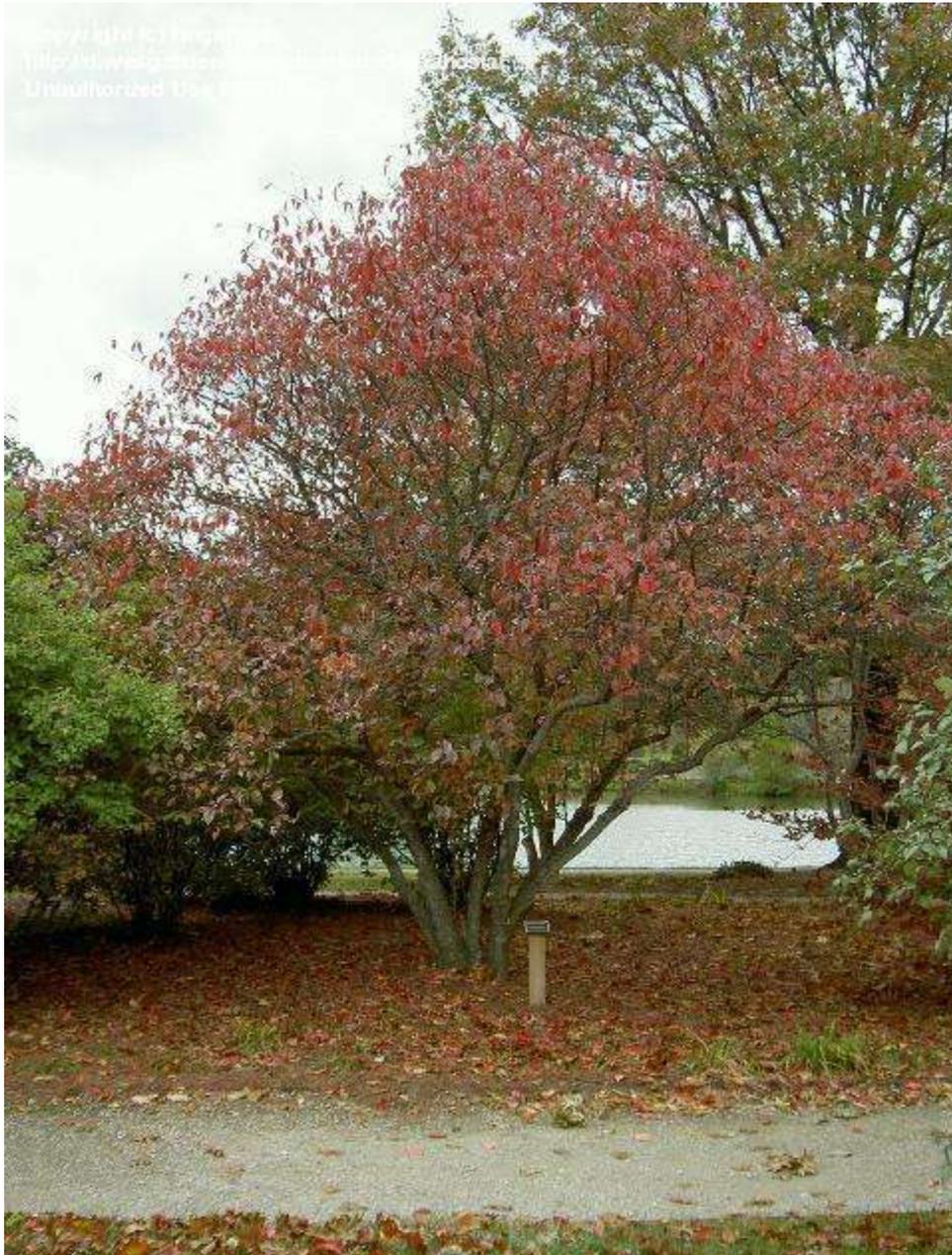
CITY OF ST. PETERS
 ST. PETERS, MISSOURI

PROJECT	OHMES FARM DETENTION BASIN ST. PETERS, MISSOURI
CLIENT	CITY OF ST. PETERS
DATE	5/11/2023
BY	JAZ

DATE: 5/11/2023
 BY: JAZ







Blackhaw Viburnum



Fragrant Sumac





Bald Cypress





Red Cedar



Sycamore



Black Alder



Native Grass Slopes



Native Grass Bottom



Native Grass Bottom



BAYTREE BASIN

DOGWOOD MEADOW CT BASIN

CHERRY CREEK CT BASIN

CHESTNUT PINES CT BASIN

ORCHID BLOSSOM CT BASIN

ENTRANCE BASIN

DOGWOOD MEADOW CT

CONCORD VIEW DR

MEADOW OAKS CT

EVERGREEN FOREST DR

MAGNOLIA TRAILS LN

SCEWD DR

GAMES RD

W. SUNNY HILL BLVD

BAYTREE DR

CRIMSON HILLS DR

STEPLING OAKS DR

ORCHID BLOSSOM CT

CHESTNUT PINES CT



CONTAIN

ALLEY CT

SCENIC DR

CEDAR MOUNTAIN CT

HILLSIDE MANOR CT

WEST SUNNY HILL BLVD

MEADOW VISTA CT

DEAN CT

RD

QU

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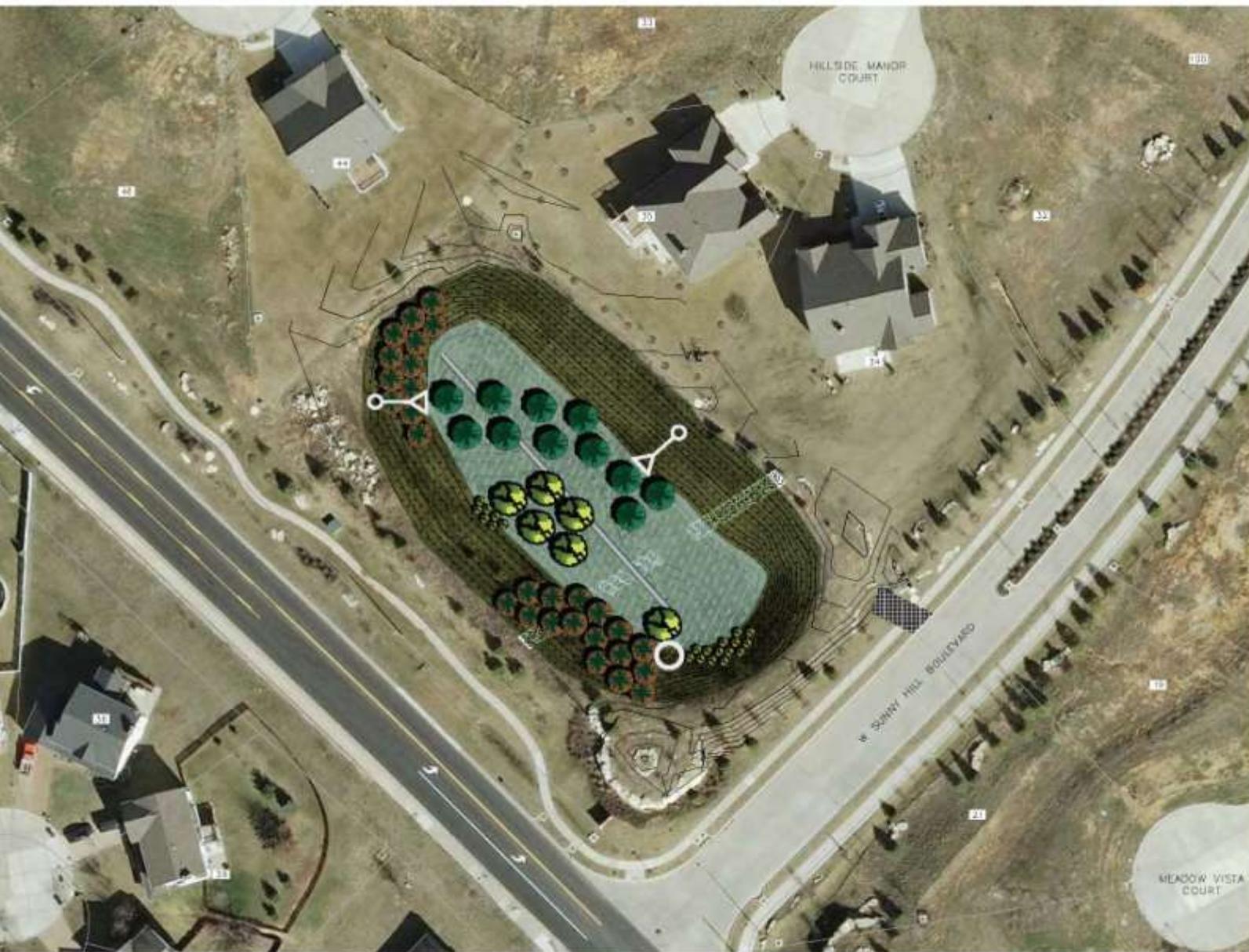
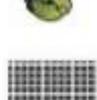
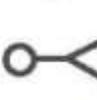
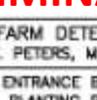


FIGURE KEY

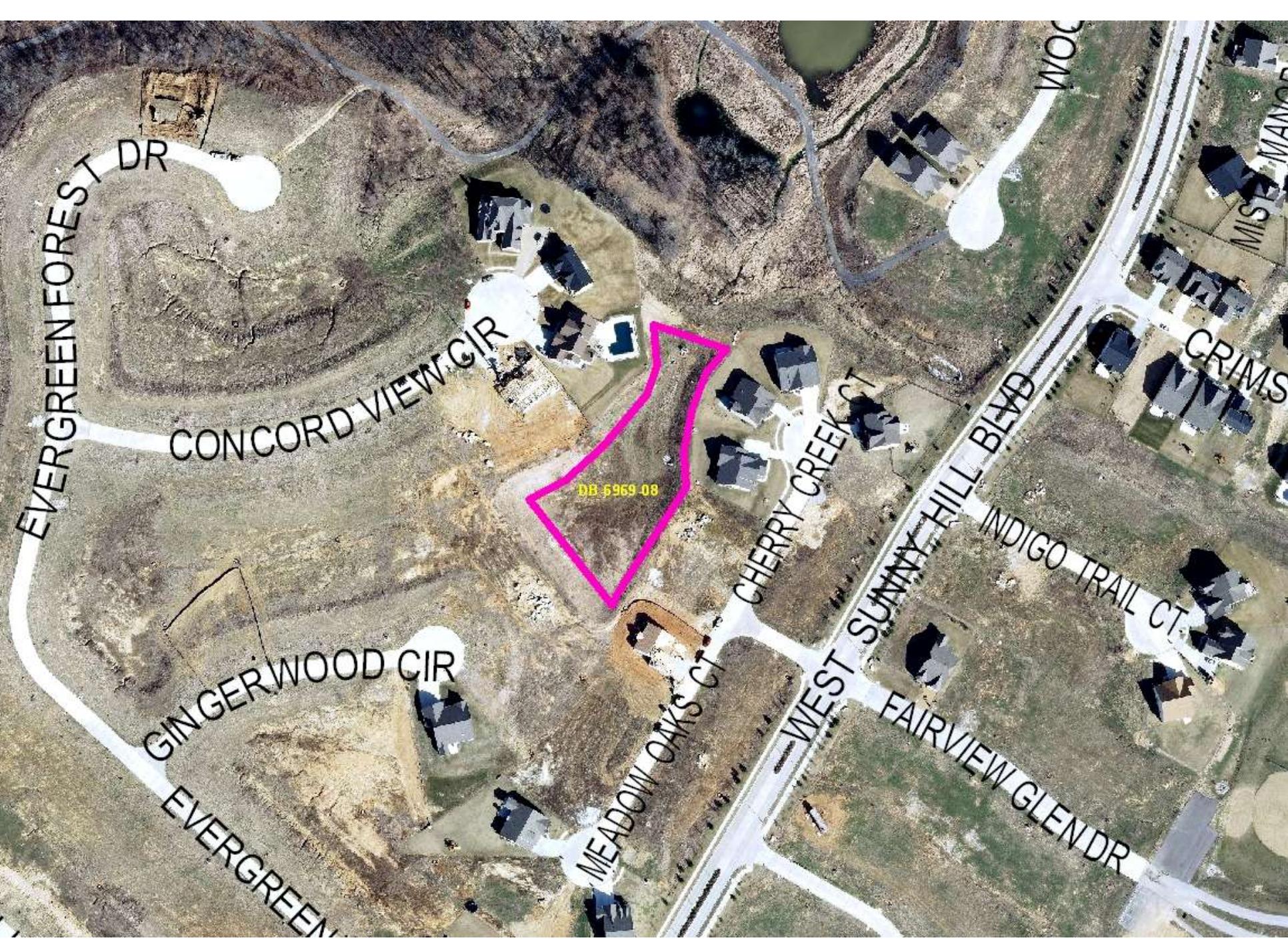
-  INFILTRATION TRENCH
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PLAN: ENTRANCE BASIN



PRELIMINARY CONCEPT

<p>1. THESE NOTES FOR THE PLAN, SPECIFICATIONS OR REPORT ARE PROVIDED BY AN ARCHITECT OR ENGINEER OR OTHER PROFESSIONAL DESIGNER UNDER THE CARE OF THE STATE OF MISSOURI.</p> <p>DATE: 11/19/2013</p> <p>DESIGNER: BARR ENGINEERING CO.</p> <p>PROJECT: OHMES FARM DETENTION BASIN</p>	<p>REVISION DESCRIPTION</p> <p>NO. 1</p> <p>DATE</p>	<p>REVISION DESCRIPTION</p> <p>NO. 1</p> <p>DATE</p>	<p>BARR</p> <p>ENGINEERING CONSULTANTS</p> <p>MINNEAPOLIS, MINNESOTA</p> <p>1100 W. WASHINGTON</p> <p>MINNEAPOLIS, MN 55402-4003</p> <p>TEL: 1-888-888-2077</p> <p>FAX: 612-825-2664</p>	<p>Project: Ohmes Farm Detention Basin</p> <p>Client: City of St. Peters</p> <p>Address: 4700 West 77th Street, Minneapolis, MN 55425-4003</p> <p>Scale: 1/2" = 1'-0"</p> <p>Date: 11/19/2013</p> <p>Drawn: SEA</p> <p>Checked: TJP</p> <p>Approved: TJP</p>	<p>CITY OF ST. PETERS</p> <p>ST. PETERS, MISSOURI</p>	<p>OHMES FARM DETENTION BASIN</p> <p>ST. PETERS, MISSOURI</p> <p>ENTRANCE BASIN</p> <p>PLANTING PLAN</p>
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EVERGREEN FOREST DR

CONCORD VIEW CIR

GINGERWOOD CIR

EVERGREEN

MEADOW OAKS CT

CHERRY CREEK CT

WEST SUNNY HILL BLVD

FAIRVIEW GLEND R

INDIGO TRAIL CT

CRIMS

WOO

MISE MANO

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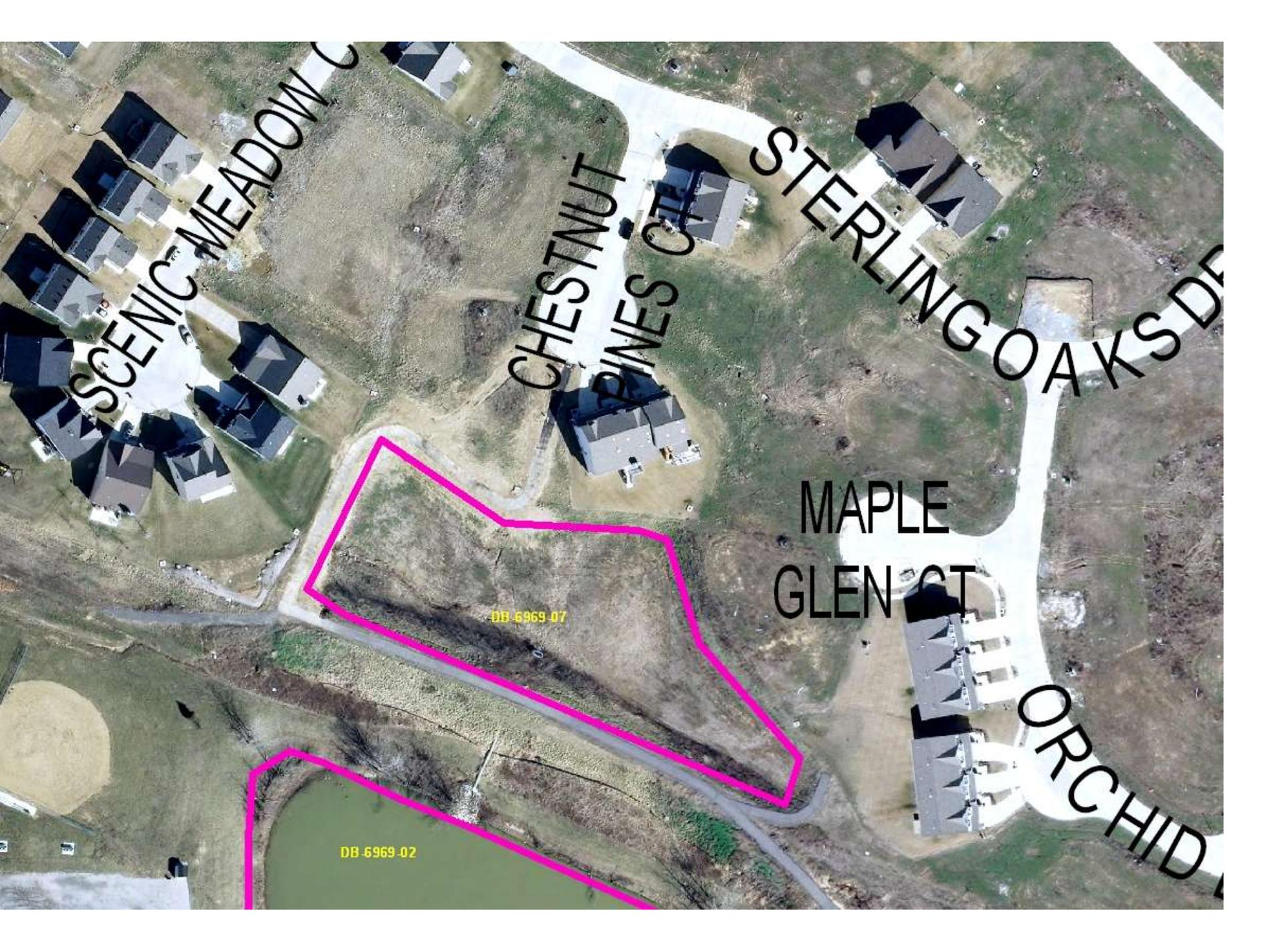


PLAN: CHERRY CREEK CT BASIN
AS SHOWN



PRELIMINARY CONCEPT

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A QUALIFIED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MISSOURI.		BARR PROFESSIONAL ENGINEERING ST. PETERS, MISSOURI PH: 1-800-622-2217		Project Name: OHMES FARM Date: 5/28/2013 Drawn: MJA Checked: TJB Designed: TJB Verified: NAC		CITY OF ST. PETERS ST. PETERS, MISSOURI		OHMES FARM DETENTION BASIN ST. PETERS, MISSOURI CHERRY CREEK CT BASIN PLANTING PLAN		SHEET NO. 25 CLIENT
DATE	REVISION	DESCRIPTION	DESIGNED BY	CHECKED BY	DATE	SCALE	DATE	SCALE	DATE	SCALE



SCENIC MEADOW C

CHESTNUT
PINES CT

STERLING OAKS DR

MAPLE
GLEN CT

ORCHID

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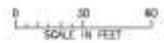
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FIGURE KEY

-  INFILTRATION TRENCH
-  WETLAND SEED MIX
-  UPLAND SEED MIX
-  BALD CYPRESS
-  SYCAMORE
-  EASTERN RED CEDAR
-  FRAGRANT SUMAC
-  CONSTRUCTION ENTRANCE
-  OUTLET
-  INLET
-  STONE PROPERTY MARKER
-  MOWN PATH

PLAN: CHESTNUT PINES BASIN



PRELIMINARY CONCEPT

DATE	REVISION DESCRIPTION	PREPARED BY: ENG. J. BISHARA DATE: 05/28/2013	CHECKED BY: _____ DATE: _____	BARR CONSULTING ENGINEERS 4700 WEST 77TH STREET MINNEAPOLIS, MN 55425-4803 PH: 1-800-487-2077 FAX: (202) 463-2861 WWW.BARR.COM	Project Office: DAVE ENGINEERING CO. 4700 WEST 77TH STREET MINNEAPOLIS, MN 55425-4803 PH: 1-800-487-2077 FAX: (202) 463-2861 WWW.BARR.COM	Scale: AS SHOWN Date: 5/28/2013 Title: SEA Designer: FJR Checker: FJR Approver: _____	CITY OF ST. PETERS ST. PETERS, MISSOURI	OHMES FARM DETENTION BASIN ST. PETERS, MISSOURI CHESTNUT PINES BASIN PLANTING PLAN	SHEET NO. 25 OF 25
	RELEASED TO: _____ DATE: _____								DATE RELEASED: _____

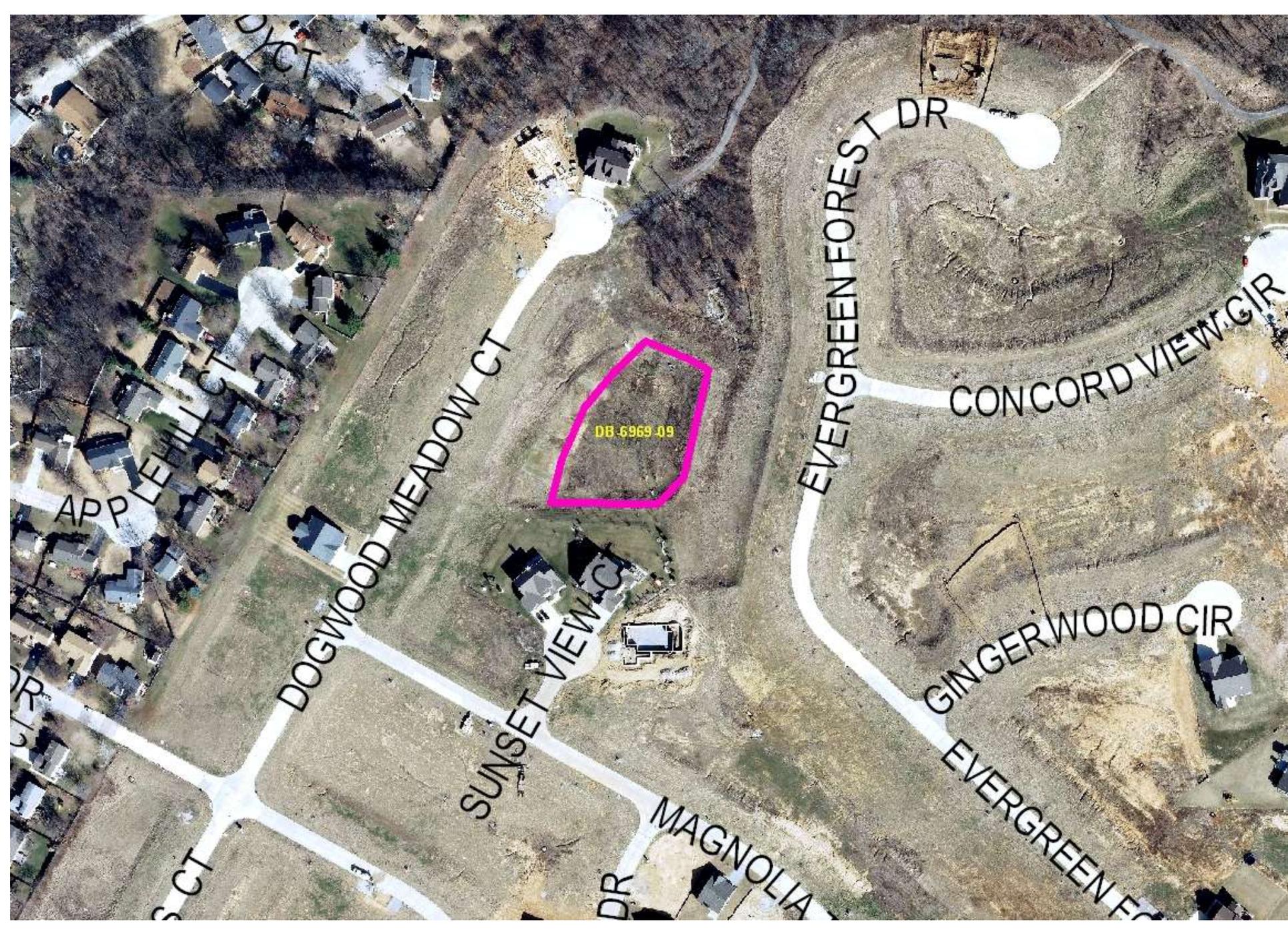
HILLS DR

WEST SUNNY HILL BLVD

STERLING

DB 6969 06





DB 6969 09

APP LEHILL CT
DOGWOOD MEADOW CT
SUNSET VIEW CT
MAGNOLIA DR

EVERGREEN FOREST DR
CONCORD VIEW CIR
GINGERWOOD CIR
EVERGREEN EC

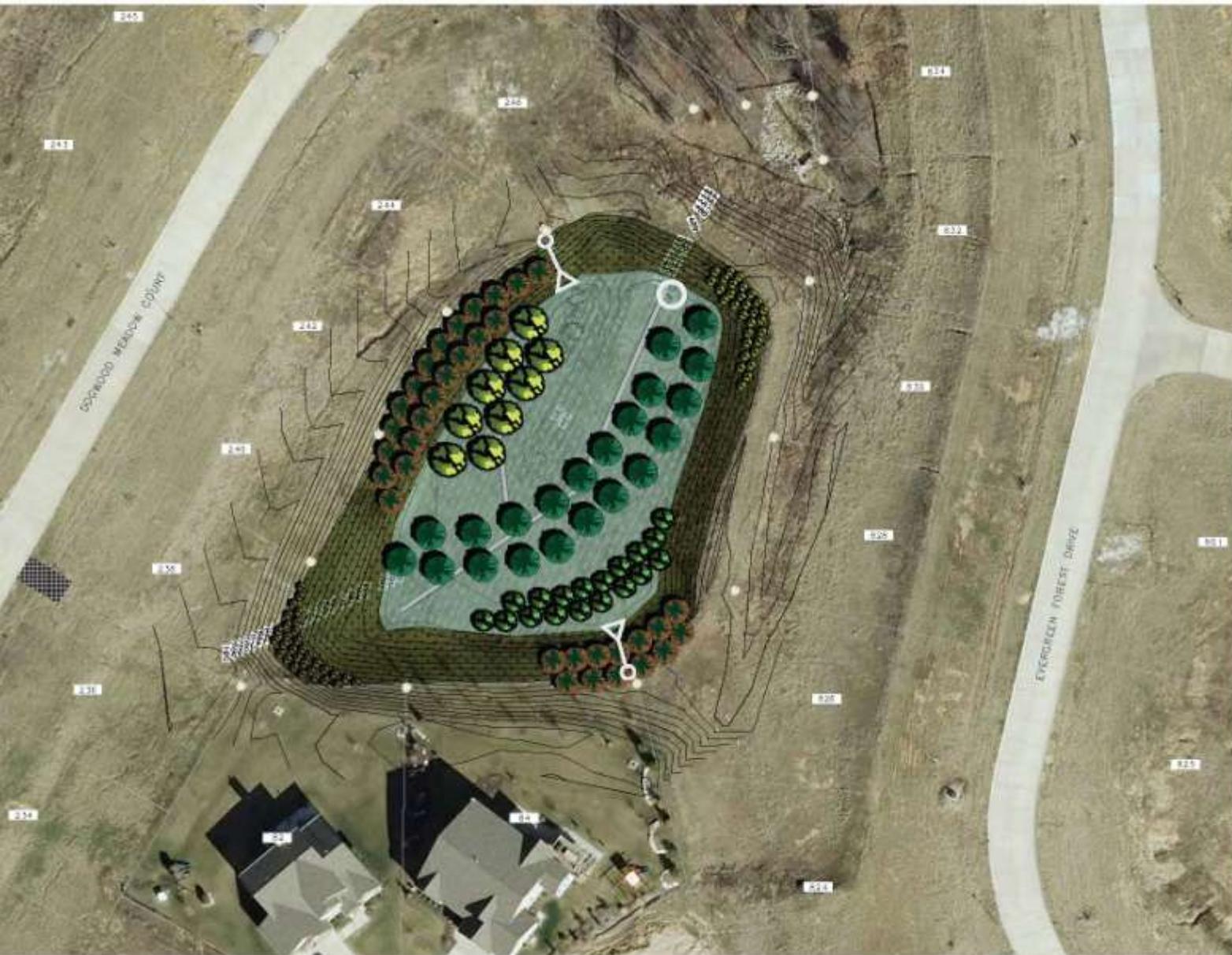


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- UPLAND SEED MIX
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- CONSTRUCTION ENTRANCE
- OUTLET
- INLET
- STONE PROPERTY MARKER
- BLACK ALDER
- BLACKHAWK VIBURNUM

DOGWOOD MEADOW CT BASIN
 0 30 60
 SCALE IN FEET

PRELIMINARY CONC

REVISION DESCRIPTION	DATE

DESIGNED BY: J. L. BARR	CHECKED BY: J. L. BARR
DRAWN BY: J. L. BARR	DATE RELEASED: 5/29/2013

PROJECT NO.	DATE RELEASED

BARR
 BARR ENGINEERING CO.
 4705 WEST 37TH STREET
 MANASSAS, VA 20108
 TEL: 703-821-2800
 FAX: 703-821-2801
 WWW.BARR-ENG.COM

DATE	5/29/2013
SCALE	AS SHOWN
PROJECT	ST. PETERS
CLIENT	ST. PETERS

CITY OF ST. PETERS
 ST. PETERS, MISSOURI

OHMES FARM DETENTION BASIN
 ST. PETERS, MISSOURI
 DOGWOOD MEADOW CT BASIN
 PLANTING PLAN

DATE	5/29/2013
CLIENT	ST. PETERS



Ohmes Farm Detention Basins Conceptual Plans June 4, 2013

GOAKS DR

BAY TREE DR

ORCHID BLOSSOM CT

DB 7069-13

